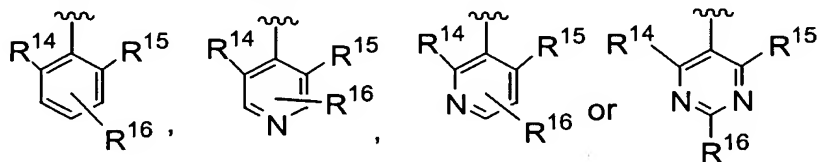


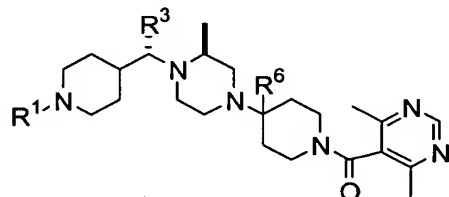
AMENDMENTS TO THE CLAIMS

1. (Canceled)
2. (Currently amended) A ~~compound~~ method of claim ~~[[1]]~~ 21 wherein Z is CH, and Q and X are each N.
3. (Currently amended) A ~~compound~~ method of claim ~~[[1]]~~ 21 wherein R<sup>1</sup> is R<sup>9</sup>-aryl(C<sub>1</sub>-C<sub>6</sub>)alkyl-, R<sup>9</sup>-heteroaryl-(C<sub>1</sub>-C<sub>6</sub>)alkyl-, (C<sub>1</sub>-C<sub>6</sub>)alkyl-SO<sub>2</sub>-, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl-SO<sub>2</sub>-, fluoro-(C<sub>1</sub>-C<sub>6</sub>)-alkyl-SO<sub>2</sub>-, R<sup>9</sup>-aryl-SO<sub>2</sub>-, or R<sup>9</sup>-aryl-NH-C(O)-.
4. (Currently amended) A ~~compound~~ method of claim ~~[[1]]~~ 21 wherein R<sup>2</sup> is hydrogen and R<sup>3</sup> is (C<sub>1</sub>-C<sub>6</sub>)alkyl, R<sup>9</sup>-aryl, R<sup>9</sup>-aryl(C<sub>1</sub>-C<sub>6</sub>)-alkyl, R<sup>9</sup>-heteroaryl, or R<sup>9</sup>-heteroaryl(C<sub>1</sub>-C<sub>6</sub>)alkyl.
5. (Currently amended) A ~~compound~~ method of claim ~~[[1]]~~ 21 wherein R, R<sup>5</sup> and R<sup>7</sup> are each hydrogen and R<sup>6</sup> is -CH<sub>3</sub>.
6. (Currently amended) A ~~compound~~ method of claim ~~[[1]]~~ 21 wherein X is N and R<sup>4</sup> is methyl.
7. (Currently amended) A ~~compound~~ method of claim ~~[[1]]~~ 21 wherein X is CH and R<sup>4</sup> is H.
8. (Currently amended) A ~~compound~~ method of claim ~~[[1]]~~ 21 wherein R<sup>9</sup> is H, halogen, (C<sub>1</sub>-C<sub>6</sub>)alkyl or (C<sub>1</sub>-C<sub>6</sub>)alkoxy.
9. (Currently amended) A ~~compound~~ method of claim ~~[[1]]~~ 21 wherein R<sup>8</sup> is (R<sup>14</sup>, R<sup>15</sup>, R<sup>16</sup>)-phenyl; (R<sup>14</sup>, R<sup>15</sup>, R<sup>16</sup>)-pyridyl or an N-oxide thereof; or (R<sup>14</sup>, R<sup>15</sup>, R<sup>16</sup>)-pyrimidyl.
10. (Currently amended) A ~~compound~~ method of claim 8 wherein R<sup>8</sup> is



11. (Currently amended) A ~~compound~~ method of claim 10 wherein R<sup>14</sup> and R<sup>15</sup> are independently selected from the group consisting of (C<sub>1</sub>-C<sub>6</sub>)alkyl, halogen and NH<sub>2</sub>, and R<sup>16</sup> is H.

12. (Currently amended) A ~~compound~~ method of claim [[1]] 21 selected from the group consisting of compounds of the formula

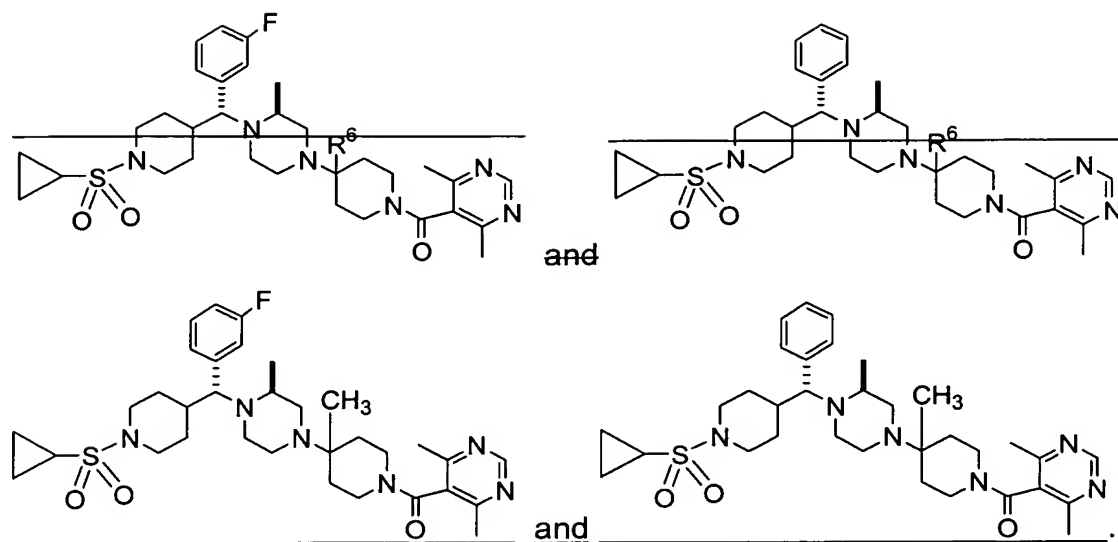


wherein R<sup>1</sup>, R<sup>3</sup> and R<sup>6</sup> are as defined in the following table:

R <sup>1</sup>	R <sup>3</sup>	R <sup>6</sup>
4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> CH <sub>2</sub>	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
CH <sub>3</sub> SO <sub>2</sub>	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> CH <sub>2</sub>	CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
CH <sub>3</sub> SO <sub>2</sub>	CH <sub>2</sub> CH <sub>2</sub> CH <sub>3</sub>	CH <sub>3</sub>
4-CH <sub>3</sub> C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	CH <sub>2</sub> CH <sub>2</sub> CH <sub>3</sub>	CH <sub>3</sub>
4-CH <sub>3</sub> C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
C <sub>6</sub> H <sub>5</sub> NHC(O)	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> CH <sub>2</sub>	C <sub>6</sub> H <sub>5</sub>	H
4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
3-Cl-C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
CH <sub>3</sub> SO <sub>2</sub>	CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
3-Cl-C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
CH <sub>3</sub> CH <sub>2</sub> SO <sub>2</sub>	CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	4-F-C <sub>6</sub> H <sub>4</sub>	CH <sub>3</sub>
CH <sub>3</sub> SO <sub>2</sub>	4-F-C <sub>6</sub> H <sub>4</sub>	CH <sub>3</sub>
3-Cl-C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	4-F-C <sub>6</sub> H <sub>4</sub>	CH <sub>3</sub>
CF <sub>3</sub> C(O)	4-F-C <sub>6</sub> H <sub>4</sub> CH <sub>2</sub>	CH <sub>3</sub>
CH <sub>3</sub> SO <sub>2</sub>	3-F-C <sub>6</sub> H <sub>4</sub>	CH <sub>3</sub>
3-Cl-C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	3-F-C <sub>6</sub> H <sub>4</sub>	CH <sub>3</sub>
4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	3-F-C <sub>6</sub> H <sub>4</sub>	CH <sub>3</sub>
CH <sub>3</sub> SO <sub>2</sub>	4-F-C <sub>6</sub> H <sub>4</sub> CH <sub>2</sub>	CH <sub>3</sub>
3-Cl-C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	4-F-C <sub>6</sub> H <sub>4</sub> CH <sub>2</sub>	CH <sub>3</sub>
4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	4-F-C <sub>6</sub> H <sub>4</sub> CH <sub>2</sub>	CH <sub>3</sub>
4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> CH <sub>2</sub>	2-thienyl	CH <sub>3</sub>

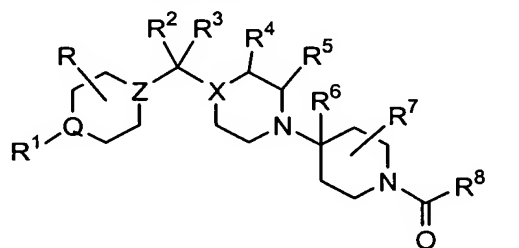
CF <sub>3</sub> CH <sub>2</sub> SO <sub>2</sub>	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
CF <sub>3</sub> SO <sub>2</sub>	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> CH <sub>2</sub>	3-thienyl	CH <sub>3</sub>
3-Cl-C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	2-thienyl	CH <sub>3</sub>
4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	2-thienyl	CH <sub>3</sub>
CH <sub>3</sub> SO <sub>2</sub>	2-thienyl	CH <sub>3</sub>
CH <sub>3</sub> SO <sub>2</sub>	3-thienyl	CH <sub>3</sub>
3-Cl-C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	3-thienyl	CH <sub>3</sub>
4-F-C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
2-thienyl-SO <sub>2</sub>	CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
C <sub>6</sub> H <sub>5</sub> SO <sub>2</sub>	CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
CF <sub>3</sub> SO <sub>2</sub>	CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
CF <sub>3</sub> CH <sub>2</sub> SO <sub>2</sub>	CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
(CH <sub>3</sub> ) <sub>2</sub> NSO <sub>2</sub>	CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
cyclopropyl-SO <sub>2</sub>	3-F-C <sub>6</sub> H <sub>4</sub>	CH <sub>3</sub>
4-F-C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	3-F-C <sub>6</sub> H <sub>4</sub>	CH <sub>3</sub>
4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> CH <sub>2</sub>	n-Butyl	CH <sub>3</sub>
3-Cl-C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	n-Butyl	CH <sub>3</sub>
4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	n-Butyl	CH <sub>3</sub>
3-Cl-C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	3-pyridyl	CH <sub>3</sub>
4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	3-pyridyl	CH <sub>3</sub>
3-Cl-C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub>	2-pyridyl	CH <sub>3</sub>
cyclopropyl-SO <sub>2</sub>	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
CH <sub>3</sub> CH <sub>2</sub> SO <sub>2</sub>	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub> SO <sub>2</sub>	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
i-propyl-SO <sub>2</sub>	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
CH <sub>3</sub> C(O)	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
cyclopropyl-C(O)	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
CH <sub>3</sub> CH <sub>2</sub> C(O)	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
i-propyl-C(O)	C <sub>6</sub> H <sub>5</sub>	CH <sub>3</sub>
4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> CH <sub>2</sub>	3,5-difluorophenyl	CH <sub>3</sub>
cyclopropyl-SO <sub>2</sub>	3,5-difluorophenyl	CH <sub>3</sub>
CH <sub>3</sub> SO <sub>2</sub>	cyclohexyl	CH <sub>3</sub>

13. (Currently amended) A compound method of claim [[1]] 21 selected from the group consisting of



14. to 20. (Canceled)

21. (New) A method of treating solid organ transplant rejection, arthritis, rheumatoid arthritis or multiple sclerosis, comprising administering to a mammal in need of such treatment an effective amount of a compound of the formula I



or a diastereomer, enantiomer, atropisomer or pharmaceutically acceptable salt thereof, wherein:

X is N;

Q and Z are independently selected from the group consisting of CH and N, provided that one or both of Q and Z is N;

R, R<sup>5</sup>, R<sup>6</sup> and R<sup>7</sup> are independently selected from the group consisting of H and (C<sub>1</sub>-C<sub>6</sub>)alkyl;

R<sup>4</sup> is (C<sub>1</sub>-C<sub>6</sub>)alkyl;

R<sup>1</sup> is H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, fluoro-(C<sub>1</sub>-C<sub>6</sub>)alkyl-, R<sup>9</sup>-aryl(C<sub>1</sub>-C<sub>6</sub>)alkyl-, R<sup>9</sup>-heteroaryl-(C<sub>1</sub>-C<sub>6</sub>)alkyl-, (C<sub>1</sub>-C<sub>6</sub>)alkyl-SO<sub>2</sub>-, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl-SO<sub>2</sub>-, fluoro-(C<sub>1</sub>-C<sub>6</sub>)alkyl-SO<sub>2</sub>-, R<sup>9</sup>-aryl-SO<sub>2</sub>-, R<sup>9</sup>-heteroaryl-SO<sub>2</sub>-, N(R<sup>22</sup>)(R<sup>23</sup>)-SO<sub>2</sub>-, (C<sub>1</sub>-C<sub>6</sub>)alkyl-C(O)-, (C<sub>3</sub>-C<sub>6</sub>)cyclo-

alkyl-C(O)-, fluoro-(C<sub>1</sub>-C<sub>6</sub>)alkyl-C(O)-, R<sup>9</sup>-aryl-C(O)-, NH-(C<sub>1</sub>-C<sub>6</sub>)alkyl-C(O)- or R<sup>9</sup>-aryl-NH-C(O)-;

R<sup>2</sup> is H or (C<sub>1</sub>-C<sub>6</sub>)alkyl, and R<sup>3</sup> is H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-C<sub>6</sub>)alkoxy(C<sub>1</sub>-C<sub>6</sub>)alkyl-, (C<sub>3</sub>-C<sub>10</sub>)-cycloalkyl-, (C<sub>3</sub>-C<sub>10</sub>)cycloalkyl(C<sub>1</sub>-C<sub>6</sub>)alkyl-, R<sup>9</sup>-aryl, R<sup>9</sup>-aryl(C<sub>1</sub>-C<sub>6</sub>)alkyl-, R<sup>9</sup>-heteroaryl, or R<sup>9</sup>-heteroaryl(C<sub>1</sub>-C<sub>6</sub>)alkyl-, provided that both X and Z are not each N;

or R<sup>2</sup> and R<sup>3</sup> together are =O, =NOR<sup>10</sup>, or =N-NR<sup>11</sup>R<sup>12</sup>;

R<sup>8</sup> is (R<sup>14</sup>, R<sup>15</sup>, R<sup>16</sup>)-substituted phenyl, (R<sup>14</sup>, R<sup>15</sup>, R<sup>16</sup>)-substituted pyridyl, (R<sup>14</sup>, R<sup>15</sup>, R<sup>16</sup>)-substituted pyridyl N-oxide, or (R<sup>14</sup>, R<sup>15</sup>, R<sup>16</sup>)-substituted pyrimidyl;

R<sup>9</sup> is 1, 2 or 3 substituents independently selected from the group consisting of H, halogen, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, -CF<sub>3</sub>, -OCF<sub>3</sub>, CH<sub>3</sub>C(O)-, -CN, CH<sub>3</sub>SO<sub>2</sub>-, CF<sub>3</sub>SO<sub>2</sub>- and -N(R<sup>22</sup>)(R<sup>23</sup>);

R<sup>10</sup> is H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, fluoro(C<sub>1</sub>-C<sub>6</sub>)alkyl-, (C<sub>3</sub>-C<sub>10</sub>)cycloalkyl(C<sub>1</sub>-C<sub>6</sub>)alkyl-, hydroxy(C<sub>2</sub>-C<sub>6</sub>)alkyl-, (C<sub>1</sub>-C<sub>6</sub>)alkyl-O-(C<sub>2</sub>-C<sub>6</sub>)alkyl-, (C<sub>1</sub>-C<sub>6</sub>)alkyl-O-C(O)-(C<sub>1</sub>-C<sub>6</sub>)alkyl- or N(R<sup>22</sup>)(R<sup>23</sup>)-C(O)-(C<sub>1</sub>-C<sub>6</sub>)alkyl-;

R<sup>11</sup> and R<sup>12</sup> are independently selected from the group consisting of H, (C<sub>1</sub>-C<sub>6</sub>)alkyl and (C<sub>3</sub>-C<sub>10</sub>)cycloalkyl, or R<sup>11</sup> and R<sup>12</sup> together are C<sub>2</sub>-C<sub>6</sub> alkylene and form a ring with the nitrogen to which they are attached;

R<sup>14</sup> and R<sup>15</sup> are independently selected from the group consisting of (C<sub>1</sub>-C<sub>6</sub>)alkyl, halogen, -NR<sup>22</sup>R<sup>23</sup>, -OH, -CF<sub>3</sub>, -OCH<sub>3</sub>, -O-acyl and -OCF<sub>3</sub>;

R<sup>16</sup> is R<sup>14</sup>, hydrogen, phenyl, -NO<sub>2</sub>, -CN, -CH<sub>2</sub>F, -CHF<sub>2</sub>, -CHO, -CH=NOR<sup>24</sup>, pyridyl, pyridyl N-oxide, pyrimidinyl, pyrazinyl, -N(R<sup>24</sup>)CONR<sup>25</sup>R<sup>26</sup>, -NHCONH(chloro-(C<sub>1</sub>-C<sub>6</sub>)alkyl), -NHCONH((C<sub>3</sub>-C<sub>10</sub>)cycloalkyl(C<sub>1</sub>-C<sub>6</sub>)alkyl), -NHCO(C<sub>1</sub>-C<sub>6</sub>)alkyl, -NHCOCF<sub>3</sub>, -NHCO<sub>2</sub>N(R<sup>22</sup>)(R<sup>23</sup>), -NHCO<sub>2</sub>(C<sub>1</sub>-C<sub>6</sub>)alkyl, -N(SO<sub>2</sub>CF<sub>3</sub>)<sub>2</sub>, -NHCO<sub>2</sub>-(C<sub>1</sub>-C<sub>6</sub>)alkyl, C<sub>3</sub>-C<sub>10</sub> cycloalkyl, -SR<sup>27</sup>, -SOR<sup>27</sup>, -SO<sub>2</sub>R<sup>27</sup>, -SO<sub>2</sub>NH(R<sup>22</sup>), -OSO<sub>2</sub>(C<sub>1</sub>-C<sub>6</sub>)alkyl, -OSO<sub>2</sub>CF<sub>3</sub>, hydroxy(C<sub>1</sub>-C<sub>6</sub>)alkyl-, -CON R<sup>24</sup>R<sup>25</sup>, -CON(CH<sub>2</sub>CH<sub>2</sub>OCH<sub>3</sub>)<sub>2</sub>, -OCONH(C<sub>1</sub>-C<sub>6</sub>)alkyl, -CO<sub>2</sub>R<sup>24</sup>, -Si(CH<sub>3</sub>)<sub>3</sub> or -B(OC(CH<sub>3</sub>)<sub>2</sub>)<sub>2</sub>;

R<sup>17</sup> is (C<sub>1</sub>-C<sub>6</sub>)alkyl, -N(R<sup>22</sup>)(R<sup>23</sup>) or R<sup>19</sup>-phenyl;

R<sup>18</sup>, R<sup>22</sup>, R<sup>23</sup>, R<sup>24</sup>, R<sup>25</sup> and R<sup>26</sup> are independently selected from the group consisting of H and (C<sub>1</sub>-C<sub>6</sub>)alkyl; and

R<sup>27</sup> is (C<sub>1</sub>-C<sub>6</sub>)alkyl or phenyl;

wherein heteroaryl is selected from the group consisting of thienyl, pyridyl and pyrimidyl.